

10/6/04, 9:51

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|---|--|---------------------|
| 1 | BRS | L1 | 0 | ((overflow\$ or overrun\$ or over-run\$) same (underflow\$ or underrun\$ or \$under-run\$)) same (threshold or watermark) same (emptiness) same (fullness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 16:46 |
| 2 | BRS | L2 | 1 | ((overflow\$ or overrun\$ or over-run\$) and (underflow\$ or underrun\$ or \$under-run\$)) and (threshold or watermark) and (emptiness) and (fullness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 16:47 |
| 3 | BRS | L3 | 4 | (emptiness) same (fullness) same (overflow\$ or overrun\$ or over-run\$) same (underflow\$ or underrun\$ or under-run\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 16:50 |
| 4 | BRS | L4 | 2 | ((transmit near2 (FIFO or buffer or queue)) with (fullness)) same ((receive near2 (FIFO or buffer or queue)) with (emptiness)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 16:58 |
| 5 | BRS | L5 | 4 | ((transmit near2 (FIFO or buffer or queue)) with (fullness)) and ((receive near2 (FIFO or buffer or queue)) with (emptiness)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:03 |
| 6 | BRS | L6 | 4 | 4 or 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 16:58 |
| 7 | BRS | L7 | 6 | ((transmit near2 (FIFO or buffer or queue)) same (fullness)) and ((receive near2 (FIFO or buffer or queue)) same (emptiness)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:06 |
| 8 | BRS | L8 | 2 | 7 not 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:06 |
| 9 | BRS | L9 | 199 | ((transmit near2 (FIFO or buffer or queue) or transmitter or sender) same (("near" or nearly or almost) adj full) or fullness) and ((receive near2 (FIFO or buffer or queue) or receiver) same (("near" or nearly or almost) adj empty) or emptiness) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:09 |
| 10 | IS&R | L10 | 5081 | (710/29, 36, 39- 41, 52, 53, 56, 57, 107, 112, 119, 123, 240, 242, 244, 241).CCLS | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:10 |
| 11 | IS&R | L11 | 4341 | (709/225, 229, 232).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:10 |

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|--------|-----|------|---|--|---------------------|
| 12 BRS | L12 | 9284 | L10 or L11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:10 |
| 13 BRS | L13 | 19 | 9 and 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:11 |
| 14 BRS | L14 | 1437 | ((((transmit near2 (FIFO or buffer or queue)) or transmitter or sender) same (filled or full or occupied or occupancy or occupancies or fullness)) and (((receive near2 (FIFO or buffer or queue)) or receiver) same (empty or emptiness or vacancy or vacant or vacancies or unoccupied)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 18:56 |
| 15 BRS | L15 | 697 | ((((transmit near2 (FIFO or buffer or queue)) or transmitter or sender) same (filled or full or occupied or occupancy or occupancies or fullness)) same (((receive near2 (FIFO or buffer or queue)) or receiver) same (empty or emptiness or vacancy or vacant or vacancies or unoccupied)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:38 |
| 16 BRS | L17 | 117 | ((((transmit near2 (FIFO or buffer or queue)) or transmitter or sender) same (filled or full or occupied or occupancy or occupancies or fullness)) same (((receive near2 (FIFO or buffer or queue)) or receiver) same (empty or emptiness or vacancy or vacant or vacancies or unoccupied)) same (compare or comparison or compared or comparing or relative or relatively) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:47 |
| 17 BRS | L18 | 57 | 12 and 15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 18:10 |
| 18 BRS | L22 | 92 | 12 and 14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:43 |
| 19 BRS | L23 | 75 | 15 and ((minimize or minimized or minimizing or minimizes or minimal or minimum or reduce or reduction or reduces or reduced or reducing) same (overflow or overflowed or overflowing or overflows or overerrun\$ or over-run\$ or underrun\$ or under-run\$ or underflow\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:46 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 20 | BRS | L24 | 146 | L4 and ((minimize or minimized or minimizing or minimizes or minimal or minimum or reduce or reduction or reduces or reduced or reducing) same (overflow or overflowed or overflowing or overflows or overrun\$ or over-run\$ or underrun\$ or under-run\$ or underflow\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:26 |
| 21 | BRS | L25 | 42 | ((transmit near2 (FIFO or buffer or queue)) or transmitter or sender) same (filled or full or occupied or occupancy or occupancies or fullness)) same (((receive near2 (FIFO or buffer or queue)) or receiver) same (empty or emptiness or vacancy or vacant or vacancies or unoccupied)) same (priority or priorities or prioritizing or prioritized or prioritizes or prioritize) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:49 |
| 22 | BRS | L16 | 7 | ((transmit near2 (FIFO or buffer or queue)) or transmitter or sender) same (filled or full or occupied or occupancy or occupancies or fullness)) same (((receive near2 (FIFO or buffer or queue)) or receiver) same (empty or emptiness or vacancy or vacant or vacancies or unoccupied)) same grant\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 17:59 |
| 23 | BRS | L26 | 55 | 18 not 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 18:48 |
| 24 | BRS | L27 | 35 | 22 not (18 or 16) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 18:58 |
| 25 | BRS | L28 | 0 | 17 and 25 and 22 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 18:59 |
| 26 | BRS | L29 | 0 | 17 and 25 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:45 |
| 27 | BRS | L30 | 5 | 17 and 25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:08 |
| 28 | BRS | L31 | 1 | 17 and 22 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:13 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 29 | BRS | L32 | 4 | 17 and 22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:18 |
| 30 | BRS | L33 | 6 | 17 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:24 |
| 31 | BRS | L34 | 104 | 17 not (28 or 29 or 30 or 31 or 32 or 33) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:44 |
| 32 | BRS | L35 | 0 | 34 and 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:44 |
| 33 | BRS | L36 | 3 | 25 and 22 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:48 |
| 34 | BRS | L37 | 6 | 25 and 22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:52 |
| 35 | BRS | L38 | 3 | 37 not 36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 19:48 |
| 36 | BRS | L39 | 5 | 25 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:02 |
| 37 | BRS | L41 | 0 | 12 and 40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:03 |
| 38 | BRS | L40 | 30 | 25 not (30 or 36 or 37 or 38 or 39) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:03 |
| 39 | BRS | L42 | 15 | 22 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:32 |
| 40 | BRS | L43 | 131 | 24 not 42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:32 |

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| 41 | BRS | L44 | 0 | 12 and 43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | 2005/01/16 20:32 |
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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 42 | IS&R | L45 | 1 | ("5377184").PN. | USPAT | 2005/01/16 20:35 |
| 43 | IS&R | L46 | 8 | ((("5802153") or ("6014722") or ("5440691") or ("5546543") or ("5740467") or ("6094696") or ("5448701") or ("5392033")).PN. | USPAT | 2005/01/16 20:36 |
| 44 | BRS | L47 | 2 | ("6094696").URPN. | USPAT | 2005/01/16 20:37 |
| 45 | BRS | L48 | 6 | ("6014722").UREN. | USPAT | 2005/01/16 20:37 |
| 46 | BRS | L49 | 28 | ("5802153").URPN. | USPAT | 2005/01/16 20:37 |
| 47 | BRS | L50 | 12 | ("5740467").URPN. | USPAT | 2005/01/16 20:38 |
| 48 | BRS | L51 | 28 | ("5546543").UREN. | USPAT | 2005/01/16 20:38 |
| 49 | BRS | L52 | 22 | ("5448701").UREN. | USPAT | 2005/01/16 20:38 |
| 50 | BRS | L53 | 18 | ("5440691").URPN. | USPAT | 2005/01/16 20:39 |
| 51 | BRS | L54 | 18 | ("5440691").UREN. | USPAT | 2005/01/16 20:39 |
| 52 | BRS | L55 | 26 | ("5392033").UREN. | USPAT | 2005/01/16 20:39 |
| 53 | BRS | L56 | 128 | 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 | USPAT | 2005/01/16 20:40 |
| 54 | BRS | L57 | 127 | 56 not 46 | USPAT | 2005/01/16 20:40 |
| 55 | BRS | L58 | 5 | ("4228496" "4663706" "5687396" "5740468" "5784649").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:16 |
| 56 | BRS | L59 | 13 | ("3699530" "4271468" "4272815" "4378588" "4630261" "4631668" "4878218" "4897833" "5072420" "5088025" "5164939" "5301279" "5369747").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:16 |
| 57 | BRS | L60 | 3 | ("4965641" "5170470" "5367534").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:17 |
| 58 | BRS | L61 | 8 | ("4535420" "4635191" "4675865" "4754399" "5043981" "5163132" "5347634" "5488724").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:17 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 59 | BRS | L62 | 10 | ("4727538" "4866597" "4866702" "4910507" "5255371" "5276681" "5295246" "5301274" "5377184" "5440691").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:17 |
| 60 | BRS | L63 | 8 | ("4298954" "4675865" "4720784" "4777595" "5247626" "5276681" "5299313" "5365552").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:17 |
| 61 | BRS | L64 | 8 | ("48339891" "4866597" "4942553" "5083269" "5155821" "5224213" "5249271" "5301274").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:17 |
| 62 | BRS | L65 | 10 | ("4620278" "4670872" "4814974" "4855905" "4884228" "5124981" "5128937" "5268902" "5274631" "5281963").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:18 |
| 63 | BRS | L66 | 61 | 58 or 59 or 60 or 61 or 62 or 63 or 64 or 65 | US-PGPUB; USPAT; USOCR | 2005/01/16 21:18 |
| 64 | BRS | L67 | 60 | 66 not (46 or 57) | US-PGPUB; USPAT; USOCR | 2005/01/16 21:31 |
| 65 | IS&R | L68 | 3 | ((("6226698") or ("5771356") or ("4942553")).PN. | USPAT | 2005/01/16 21:31 |
| 66 | BRS | L69 | 4 | ("6226698").URPN. | USPAT | 2005/01/16 21:32 |
| 67 | BRS | L70 | 4 | ("6226698").URPN. | USPAT | 2005/01/16 21:32 |
| 68 | BRS | L71 | 4 | ("6226698").URPN. | USPAT | 2005/01/16 21:32 |
| 69 | BRS | L72 | 23 | ("5771356").URPN. | USPAT | 2005/01/16 21:33 |
| 70 | BRS | L73 | 53 | ("4942553").URPN. | USPAT | 2005/01/16 21:33 |
| 71 | BRS | L74 | 77 | 71 or 72 or 73 | USPAT | 2005/01/16 21:33 |
| 72 | BRS | L75 | 4 | ("4694426" "4891788" "5027330" "5267191").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:33 |
| 73 | BRS | L76 | 10 | ("5181201" "5237660" "5278956" "5295246" "5299315" "5379399" "5440691" "5506967" "5546543" "5566175").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:33 |
| 74 | BRS | L77 | 10 | ("5181201" "5237660" "5278956" "5295246" "5299315" "5379399" "5440691" "5506967" "5546543" "5566175").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:34 |

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| 75 | BRS | L78 | 4 | ("4159532" "4228500" "4254464" "4748588").PN. | US-PGPUB; USPAT; USOCR | 2005/01/16 21:34 |
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| | Type | L # | Hits | Search Text | DBs | Time Stamp |
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| 76 | BRS | L79 | 18 | 75 or 76 or 78 | US-PGPUB; USPAT; USOCR | 2005/01/16 21:34 |
| 77 | BRS | L80 | 91 | 74 or 79 | US-PGPUB; USPAT; USOCR | 2005/01/16 21:34 |
| 78 | BRS | L81 | 91 | 80 not 68 | US-PGPUB; USPAT; USOCR | 2005/01/16 21:36 |